

REGION: 04  
STATE: NC

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE  
C E R C L A

PAGE: 1150  
RUN DATE: 85/07/08  
RUN TIME: 10:16:58

M.2 - SITE MAINTENANCE FORM

26874

\* ACTION: -

EPA ID: NCD003149705

SITE NAME: BASF WAYNDOTTE CORP

SOURCE: H

STREET: 4330 CHESAPEAKE DR

CONG DIST: 09

CITY: CHARLOTTE

ZIP: 28208

CNTY NAME: MECKLENBURG

CNTY CODE: 119

LATITUDE: 35/16/04.3 LONGITUDE: 080/52/03.0

BMSA: 1520 HYDRO UNIT: 03050103

INVENTORY IND: Y REMEDIAL IND: Y REMOVAL IND: N FED FAC IND: N

NPL IND: N NPL LISTING DATE: NPL DELISTING DATE:

APPROACH: SITE CLASS:

SITE/SPILL IDS:

RPM NAME:

RPM PHONE:

DIOXIN TIER: REG FLD1: REG FLD2:

RESP TERM: PENDING ( ) NO FURTHER ACTION (X)

ENF DISP: NO VIABLE RESP PARTY ( ) VOLUNTARY RESPONSE ( )

ENFORCED RESPONSE ( ) COST RECOVERY ( )

SITE DESCRIPTION:

\*  
\*  
\*  
\*  
\*

REGION: 04  
STATE : NC

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE  
C E R C L A

PAGE: 1151  
RUN DATE: 85/07/08  
RUN TIME: 10:10:58

M.2 - PROGRAM MAINTENANCE FORM

\* ACTION: -

SITE: BASF WAYNDOTTE CORP

EPA ID: NCD003149705 PROGRAM CODE: H01 PROGRAM TYPE:

PROGRAM QUALIFIER: ALIAS LINK :

PROGRAM NAME: SITE EVALUATION

DESCRIPTION:

\* ----- \*

\* ----- \*

\* ----- \*

\* ----- \*

\* ----- \*

REGION: 04  
STATE: NC

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE  
C E R C L A

PAGE: 1152  
RUN DATE: 85/07/08  
RUN TIME: 10:18:58

M.2 - EVENT MAINTENANCE FORM

\* ACTION: -

SITE: BASF WAYNDOTTE CORP  
PROGRAM: SITE EVALUATION

EPA ID: NCD003149705 PROGRAM CODE: H01 EVENT TYPE: DS1

FMS CODE: EVENT QUALIFIER: EVENT LEAD: E

EVENT NAME: DISCOVERY STATUS:

DESCRIPTION:

ORIGINAL

CURRENT

ACTUAL

START:

START:

START:

COMP :

COMP :

COMP : 80/08/01

HQ COMMENT:

RG COMMENT:

COOP AGR #

AMENDMENT #

STATUS

STATE #

REGION: 04  
STATE: NC

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE  
C E R C L A

PAGE: 1153  
RUN DATE: 85/07/08  
RUN TIME: 10:18:58

M.2 - EVENT MAINTENANCE FORM

\* ACTION: -

SITE: BASF WAYNDOTTE CORP  
PROGRAM: SITE EVALUATION

EPA ID: NCD003149705 PROGRAM CODE: H01 EVENT TYPE: PA1

FMS CODE: EVENT QUALIFIER: EVENT LEAD: S

EVENT NAME: PRELIMINARY ASSESSMENT STATUS:

DESCRIPTION:

ORIGINAL

CURRENT

ACTUAL

START: START: START: 85/05/01

COMP: COMP: COMP: 85/06/01

HQ COMMENT:

RG COMMENT:

COOP AGR # AMENDMENT # STATUS STATE #

REGION: 04  
STATE: NC

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE  
C E R C L A

PAGE: 1154  
RUN DATE: 85/07/08  
RUN TIME: 10:18:58

M.2 - COMMENT MAINTENANCE FORM

SITE: BASF WAYNDOTTE CORP

EPA ID: NCD003149705

COM

NO. COMMENT

ACTION

001 PART A- ON FILE

\* -  
\* -



North Carolina Department of Human Resources  
Division of Health Services  
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor  
Phillip J. Kirk, Jr., Secretary

Ronald H. Levine, M.D., M.P.H.  
State Health Director  
919/733-3446

May 15, 1985

Ms. Denise Bland  
EPA NC 3012 Project Officer  
Air and Hazardous Material Division  
345 Courtland Street, N.E.  
Atlanta, GA 30365

Re: Preliminary Assessment Reports/Transmittal Letter

American Petrofina Mktg./Selma Terminal	NC D000770032
BASF Wyandotte Corp.	NC D003149705
Coastal Chemical Corp.	NC D003186178
Crown Central Petroleum Corp.	NC D044447639
Martin's Battery Salvage, Inc.	NC D991278755
Mineral Research and Development Corp.	NC D048467427
Texas City Refining Co.	NC D000770016
The Valspar Corp.	NC D041415019

Dear Ms. Bland:

Submitted herewith are Preliminary Assessment reports for the subject sites.

Based on the NC RCRA 3012 Program review of the available data, we have concluded the following:

American Petrofina Marketing/Selma Terminal (NC D000770032) notified under CERCLA that rainwater layers from tanks were pumped onto the ground within tank containment structures between 1973 and 1980. It is also conceivable that previous owners, B.P., Sinclair, et al., disposed RCRA type wastes K049-K052 on site prior to 1980. Status assigned is Low.

BASF Wyandotte Corp. (NC D003149705) is not on file at the NC Solid and Hazardous Waste Management Branch as having had on-site disposal or releases of hazardous substances and BASF officials, both in Charlotte and at the corporate environmental office in New Jersey, attest to this. A comprehensive report of past waste handling activities is forthcoming from the corporate office in Parsippany, NJ. Status assigned is No Further Action.

Coastal Chemical Corp. (NC D003186178) formulates and distributes pesticides and agricultural products. On February 19, 1979, this facility

caught fire and burned; the result of this was that pesticides were released in massive proportions onto the facility property. Although some on-site treatment of these waste pesticides was instigated, contaminants are still believed to remain on the premises. Status assigned is Medium

Crown Central Petroleum Corp. (NC D044447639) notified under CERCLA that leaded tank bottoms were buried within the spill containment area of each tank between 1948 and 1974. Local residents use municipal water supply rather than private drinking wells. Status assigned is Low.

Martin's Battery Salvage, Inc. (NC D991278755) operated prior to November 19, 1980, though precise dates are unknown. Facility's function was to reclaim lead from car batteries. Units on-site include a drain field which leads to a receiving stream, and a surface impoundment. Excessive levels of cadmium, chromium, lead, and EP corrosive waste have been identified on-site, and groundwater contamination is alleged. Status assigned is Medium

Mineral Research and Development Corp. (NC D048467427) maintains five unlined surface impoundments. Monitoring wells indicate that chromated copper arsenate constituents, trichlorobenzene and tetrachloroethylene have entered the groundwater downgradient from these units. There are no known groundwater users within the influence of this plume; however, its impact upon the environment is deemed severe. Status assigned is Medium.

Texas City Refining Co. (NC D000770016) notified under CERCLA that rainwater layers from tanks were pumped onto the ground within tank containment structures between 1973 and 1980. It is also conceivable that previous owners of this facility disposed RCRA wastes K049-K052 on site, as this was a common practice of the petroleum industry prior to 1980. Status assigned is Low.

The Valspar Corp. (Nc D041415019) was previously owned by Mobil Chemical Co. In 1979 Mobil notified, as required for the Eckhardt Survey, that no waste was disposed of or released on site between 1976 and 1979. Records for the period 1961 to 1976 did not exit; therefore it is conceivable that releases might have occurred during this period, or the period prior when the site was owned (at different times) by Martin-Marietta and an unnamed furniture company. Status assigned is Low.

On April 19, 1985, the Department of Human Resources Assistant Branch Head of Solid and Hazardous Waste Management, Jerry Rhodes; and 3012 Personnel reviewed each of the subject sites along with Natural Resources and Community Development Department personnel from Water and Air Quality and Groundwater Sections. Each of the subject site recommendations was approved by the committee.

If you have any questions, please contact me.

Sincerely,

*D. Mark Durway*

D. Mark Durway, Geologist  
Solid and Hazardous Waste Management Branch  
Environmental Health Section



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
NC D003149705

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) BASF Wyandotte Corp.		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER P.O. Box 668846 (4330 Chesapeake Drive)			
03 CITY Charlotte	04 STATE NC	05 ZIP CODE 28266	06 COUNTY Mecklenburg	07 COUNTY CODE 60	08 CONG DIST 09
09 COORDINATES LATITUDE 35° 15' 40" 0		LONGITUDE 080° 52' 15" 0			

10 DIRECTIONS TO SITE (Starting from nearest public road)

Located in Charlotte at 4330 Chesapeake Drive, which is just north of I-85 and east of NC Hwy 16.

III. RESPONSIBLE PARTIES

01 OWNER (If known) BASF Wyandotte Corp.		02 STREET (Business, mailing, residential) P.O. Box 181			
03 CITY Parsippany	04 STATE NJ	05 ZIP CODE 07504	06 TELEPHONE NUMBER (201) 263-3400		
07 OPERATOR (If known and different from owner) BASF Wyandotte Corp.		08 STREET (Business, mailing, residential) P. O. Box 668846			
09 CITY Charlotte	10 STATE NC	11 ZIP CODE 28266	12 TELEPHONE NUMBER (704) 392-4313		

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL: \_\_\_\_\_ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL  
☐ F. OTHER: \_\_\_\_\_ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: 11 17 80 ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: \_\_\_\_/\_\_\_\_/\_\_\_\_ ☐ C. NONE  
MONTH DAY YEAR MONTH DAY YEAR

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input type="checkbox"/> YES DATE ____/____/____ <input checked="" type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION BEGINNING YEAR <u>1961</u> ENDING YEAR _____ <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Records at the NC Solid and Hazardous Waste Management Branch indicate that the facility is in compliance with RCRA regulations, and that no on-site releases of hazardous substances are known.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

None known. According to Ken Koneval, of the BASF corporate environmental office, no on-site disposal, spills, or other releases have occurred at the BASF facility since the facility commenced operation. A comprehensive report of past waste handling activities is forthcoming from the corporate environmental office in Parsippany, New Jersey.

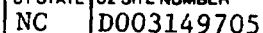
V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high priority is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)			
<input type="checkbox"/> A. HIGH (Inspection required promptly)	<input type="checkbox"/> B. MEDIUM (Inspection required)	<input type="checkbox"/> C. LOW (Inspect on time available basis)	<input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

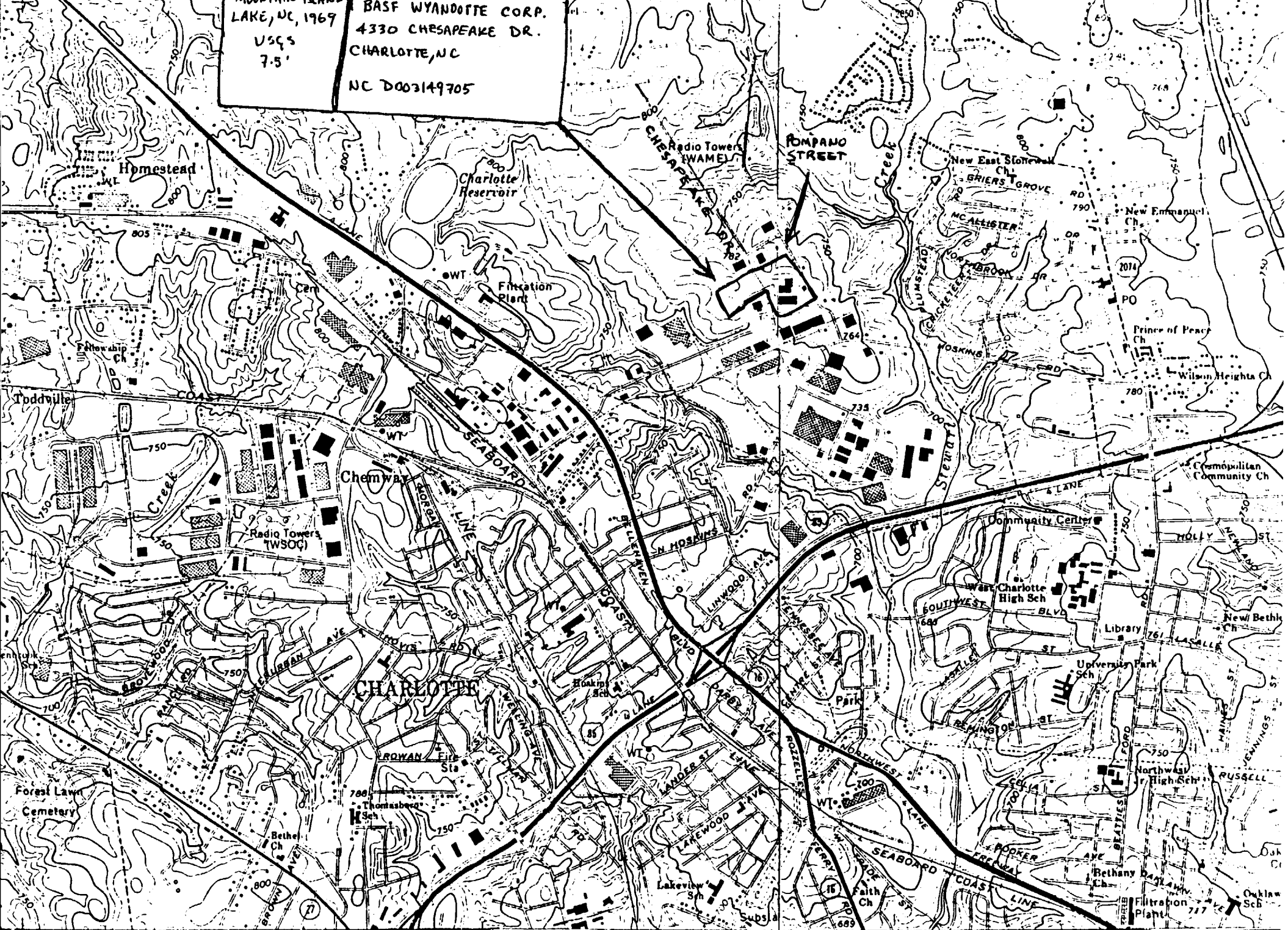
01 CONTACT Ken Koneval	02 OF (Agency/Organization) Parsippany, NJ		03 TELEPHONE NUMBER (201) 263-3400	
04 PERSON RESPONSIBLE FOR ASSESSMENT D. Mark Durway/L. Crosby	05 AGENCY NCDHR/DHS	06 ORGANIZATION S&HW Mgmt.	07 TELEPHONE NUMBER (919) 733-2178	08 DATE <u>2 26 85</u> MONTH DAY YEAR





☐ A. TOXIC                      ☐ E. SOLUBLE                      ☐ I. HIGHLY VOLATILE  
☐ B. CORROSIVE                ☐ F. INFECTIOUS                ☐ J. EXPLOSIVE  
☐ C. RADIOACTIVE              ☐ G. FLAMMABLE                ☐ K. REACTIVE  
☐ D. PERSISTENT                ☐ H. IGNITABLE                 ☐ L. INCOMPATIBLE  
    ☒ M. NOT APPLICABLE

BASF WYANDOTTE CORP.  
LAKE, NC, 1969  
USGS  
7.5'  
4330 CHESAPEAKE DR.  
CHARLOTTE, NC  
NC D003149705



# BASF Wyandotte Corporation



4330 Chesapeake Drive  
P.O. Box 668846  
Charlotte, North Carolina 28266  
704 392-4313

June 20, 1984

Division of Health Services  
Solid & Hazardous Waste Management Branch  
P. O. Box 2091  
Raleigh, N.C. 27602

Attn: Waste Determination

Gentlemen,

During a transportation related incident, some of our finished products, Lipoderm Oil SK and Basyntan N, were spilled along the highway. These products are relatively harmless in nature.. The Lipoderm Oil SK is a chlorinated paraffin oil and the Basyntan N is a condensed polymer of sulfonated phenol and urea formaldehyde. A sample was pulled at the time of the incident by Rowe Industrial Services, Inc. and submitted to Par Labs for analysis (a copy of the analysis is attached). The initial analysis showed an incorrect arsenic value. Par Labs was asked to rerun the waste sample to determine whether arsenic was indeed present. By means of a gaseous hydride method, the reanalysis showed less than 0.05 ppm of arsenic present.

The analysis performed was done on liquid sample obtained from the scene prior to absorbing the spilled material with sand. The waste to be disposed of now is well absorbed in sand and appears totally dry. There is no free liquid in the waste material we now propose to dispose of at the York Road land-fill.

Please let me know if we can help you further with your determination.

Sincerely yours,

BASF WYANDOTTE CORPORATION  
Charlotte Plant

A handwritten signature in cursive script that reads "Walter A. Brand". The signature is written in dark ink and is positioned above the printed name and title.

Walter A. Brand  
Production Manager

cc: Mr. John C. Gibson  
Mr. Rick Doby

Department of Human Resources  
Division of Health Services  
Solid & Hazardous Waste Management Branch

N

APPLICATION FOR CHANGE IN COMPANY NAME, OWNERSHIP, FACILITY CONTACT, PHONE  
NUMBER, OR MAILING ADDRESS

Date: 9-1-83

Company Name: BASF WYANDOTTE

Company Address: 4330 Chesapeake Drive, NC, Charlotte

EPA ID No.: NCDO03149705

Mr. O. W. Strickland, Head  
Solid & Hazardous Waste Management Branch  
Division of Health Services  
P. O. Box 2091  
Raleigh, NC 27602

Dear Mr. Strickland:

Our company requests the following change under RCRA:

CHANGE TO

COMPANY NAME BASF Wyandotte Corporation

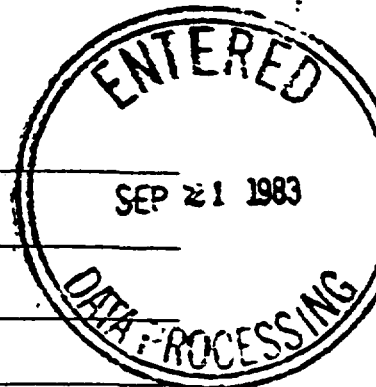
OWNERSHIP BASF Wyandotte Corporation

FACILITY CONTACT Kenneth C. Koneval

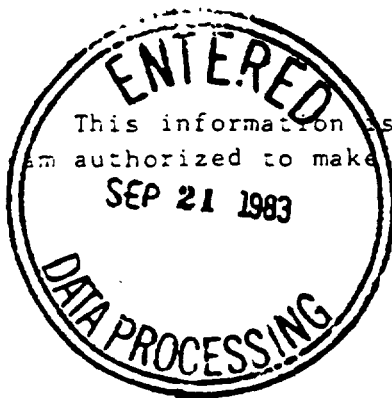
FACILITY PHONE NUMBER 201-263-5495

FACILITY MAILING ADDRESS Box 181, Cherry Hill Road

Parsippany, NJ 07054



This information is accurate and correct to the best of my knowledge.  
I am authorized to make this request on behalf of my company.



Signature: Kenneth C. Koneval

Company Title: Manager, Corp. Env. Prot.

# RCRA INSPECTION REPORT

## FACILITY INFORMATION

BASF Wyandotte Corporation  
4330 Chesapeake Drive  
P. O. Box 668846  
Charlotte, NC 28266  
704/392-4313  
ID #NCD003149705

## RESPONSIBLE OFFICIALS

Walter A. Brand, Production Engr.  
William A. Forbes, Operations Supvr.

## SURVEY PARTICIPANTS

Walter A. Brand  
William A. Forbes  
C. Rick Doby  
Larry O. Fox

## DATE OF INSPECTION

July 8, 1982

## APPLICABLE REGULATIONS

40 CFR May 19, 1980

Parts 262 and 265, Subparts A,B,C,D,E,G,H (if applicable) and I

## PURPOSE OF SURVEY

RCRA inspection for interim status including review of records, site survey and sampling procedures. Regulatory requirements covered included those contained in 40 CFR May 19, 1980 Part 262 - Generator Standards and 265 - General Facility standards including Subparts A,B,C,D,E,G,H (if applicable) and I.

## FACILITY DESCRIPTION

BASF Wyandotte Corporation is located on a 15.26 acre site in north Charlotte at 4330 Chesapeake Drive. This facility presently manufactures approximately 175 chemical auxiliaries for the textile, paper and leather industries. A more general description is provided on the attached document from Wyandotte's Emergency Procedures Manual (attachment A).

This facility does not routinely generate hazardous waste from manufacturing; however, on occasions, a bad product batch is generated which may be hazardous or a cleaning operation may generate several drums of flammable solvents. BASF Wyandotte does, on occasions, generate more than 1000 kg. per 30 calendar days and does store hazardous waste for more than 90 days.

A review of Wyandotte's manifest records indicates that this facility has generated the following wastes:

1. RA-1 Solids w/10% Phenol
2. Waste Phenol (Poison B)
3. Polymin Waste containing 1,4 Dioxane
4. Carbon Disulfide (liquid)

All waste is being transported by Bryson Env. Services of West Columbia, SC to SCA Chemical Services of Pinewood, SC.

During our inspection, Wyandotte had in storage two 55-gallon steel drums weighing approximately 1100 lbs. (total weight) of waste Carbon Disulfide liquid generated from a cleaning operation. The drums were properly

labeled, packaged and stored awaiting incineration at a facility not yet chosen by Wyandotte. The storage area is located in Building #2 immediately north of the office/laboratory building (see attachment B - Hazardous Waste Storage Area Log provided by Wyandotte).

In summary, this facility is a large generator and storer of hazardous waste. At the time of the inspection, BASF Wyandotte appeared to be in full compliance with all applicable regulations under 40 CFR May 19, 1980.

# EMERGENCY PROCEDURES MANUAL

BASF Wyandotte Corporation		—	Charlotte Plant
Spill Prevention Control and Countermeasures Plan			
DATE ISSUED: 01-05-1982 . BY: W.A. FORBES, JR. APPROVED:			
REVISED:	BY:	APPROVED:	

## V. Description of Facilities:

### A. LOCATION OF THE CHARLOTTE PLANT:

The Charlotte Plant of BASF Wyandotte Corporation is located on a 15.26 acre site inside the city limits of Charlotte in Mecklenburg County. The plant site is in an industrial area on the north side of Charlotte, just north of Interstate 85 and east of N.C. #16. The property is bordered on the west by Chesapeake Drive, on the east by Pompono Road (unpaved), on the north by property of Uster Corporation, and on the south by a warehouse complex. The Company also owns a one acre undeveloped plot on the east side of Pompono Road and a 20.28 acre undeveloped plot on the west side of Chesapeake Drive, a portion of which fronts on Lawton Road.

### B. SITE PLAN AND BUILDINGS:

There are four major buildings on the site:

1. Office/Laboratory Building - southern side of site, adjacent to neighboring warehouse; surrounded on three sides by drive-ways and parking area. The west end of the building is devoted to office space, comprising about 40% of the total building area; the remaining 60% of building area on the east end is predominantly laboratory areas. A basement containing sample storage, Conference Room, Computer Room, and equipment areas is located beneath the laboratory (east) portion.
2. Warehouse/Manufacturing/Drumming Station/Dye Mix Building - immediately north of the Office/Laboratory Building and connected to it by a covered walkway. The Warehouse is located in the single-floor west end; Manufacturing (Auxiliaries) occupies the three-floor area in the east end. The Drumming Station area is a single-floor addition north of the Manufacturing (Auxiliaries); this addition also contains the Manufacturing (Dye Mix) areas, a two-floor liquid mixing/dye finishing area in the northeast area and a single-floor powder dye mixing area in the east end.

B. SITE PLAN AND BUILDINGS: (CONTINUED)

3. Raw Material Warehouse - a 10,000 square foot metal building located northeast of the Manufacturing Building, across a paved drive and rail siding.
4. Maintenance Shop - metal building located due east of the Manufacturing (Auxiliaries) area and adjacent to Pompono Road (unpaved).

There are also three small outbuildings or other structures at the site:

Paint Shed - small metal building between the Maintenance Shop and Pompono Road. Used to store paints, drum quantities of lubricants, and small quantities of solvents.

Metering Station - small metal building located between the Laboratory area and the Maintenance Shop. Used to house equipment used to meter process waste water from Holding Ponds to Charlotte-Mecklenburg Sewer System.

Waste Water Control Room - located southeast of the Maintenance Shop, at the south end of the dual Holding Ponds for process waste water. Used to house electrical switches for the various pumps used in transferring waste water.

C. RAW MATERIAL AND FINISHED PRODUCT BULK STORAGE:

1. Both finished products and organic and inorganic chemical raw materials are stored in a 9,000 square foot Tank Farm located adjacent to and east of the Powder Dye Mix area. All storage tanks are vertical and range in size from about 3,000 gallons to 27,000 gallons. All of the thirty storage tanks are single-compartment vessels; 22 tanks are of stainless steel construction, 6 are steel, and 1 is fiberglass. The entire Tank Farm is enclosed by a dike. Total storage volume of all tanks is approximately 315,000 gallons.
2. Two storage tanks, one steel and one fiberglass, located next to the Sulfo-chlorination Plant (in the corner of the Manufacturing/Powder Mix areas) have a total capacity of about 9,000 gallons.
3. Three Intermediate Tanks and one Distillation Receiver Tank with a total capacity of approximately 19,000 gallons are located outside the Manufacturing (Auxiliaries) area on the east side.

NOTE: Storage of powder and liquid raw materials and finished products in drums, bags, or other containers is in the Warehouse, various Manufacturing areas, the Raw Material Warehouse and its dock, areas outside Manufacturing, and at a leased Warehouse at 4201 Chesapeake Drive.



D. FUEL OIL STORAGE:

A 29,720 gallon horizontal, underground steel storage tank is used to store fuel oil (ordinarily #2) for the 350 and 800 HP steam boilers. The storage tank is located between the Office/Laboratory Building and the Warehouse, at the extreme west end near the employee's parking lot. Fuel oil is an alternate fuel for the boilers; natural gas is used almost exclusively, except in extreme cold weather when the gas supplier orders industrial users to shut down. When fuel oil is being used, the Maintenance Department checks the quantity in the storage tank daily, and 7,000 gallon tank truck shipments are requested only when level measurement indicates an available capacity of at least 10,000 gallons in the tank. Unloading of tank trucks is accomplished using gravity flow through three-inch hoses to a valved three-inch "quick-connect" coupling which leads to the storage tank. This unloading connection is located at the edge of the employee parking lot at the west end of the Warehouse. The connection is kept plugged and locked except during unloading.

E. PLANT SECURITY:

The Auxiliaries Manufacturing area operates three shifts, 24 hours per day, Monday through Friday. Most other departments work daylight hours only, approximately 8:00 AM until 5:00 PM, Monday through Friday. The Wackenhut Corporation provides security guards from about 5 PM on Fridays until about 8 AM on Monday mornings; security guards are also on duty on holidays. With the exception of the Office/Laboratory Building, all site areas are fenced; all gates and doors are locked after about 6:30 PM on weekdays and throughout weekends and holidays. Keys to gates are restricted to members of supervision and management, and sign-in sheets must be used to record activity in and out. Evening and night shift supervisors have limited responsibility for plant security checks and inspections.

F. SITE DRAINAGE AND WASTE WATER DISPOSITION:

The Charlotte site is located near the crest of a slight slope, the crest being to the northwest (Uster Corp.). The site has been graded so that rain water, except as noted below, is collected and discharged into a storm drain system which empties into Stewart Creek, near the southeast corner of the property. Rain water from the paved areas around the Tank Farm is collected in a separate drain system which terminates in a Storm Drain Collection Pit adjacent to the Waste Water Metering Station; water collected in this Pit is generally pumped over to the Waste Water Holding Ponds, although the Pit is equipped with a drain valve which enables draining to Stewart Creek. All process waste water from Laboratory, Warehouse, Manufacturing, and Tank Farm areas is collected in a Waste Water Collection Pit at the northeast end of the Laboratory Building; waste water is then pumped from this Pit into the Holding Ponds. Waste water is pumped from the Holding Ponds to the Metering

# Hazardous Waste Storage Area Log

BASF Wyandotte Corporation

Charlotte Plant

Date Placed in Storage:	11-19-80	01-26-81	4-22-81	9-10-81	7-6-82
Description of WASTE:	RA-1 Solids w/ 10% PHENOL	Waste Phenol Poison B	POLYMER WASTE CONT. 1,4, DIOXANE	RA-1 SOLIDS w/ 10% PHENOL	CARBON DISULFIDE WASTE LIQ.
QUANTITY of Waste Stored:	Approx. 6000 #	1 Drum Approx. 150 #	36,000 #	21 Drums 8009 lbs	2 DRUMS 1100/lbs
EPA HAZARDOUS WASTE NUMBER:	D000	U188	D000	U188	P022
PHYSICAL STATE OF WASTE:	SOLID	Solid	Semi Solid	SOLID	LIQUID
DATE SHIPPED from Storage:	3-4-81	9-21-81	5-19-81	9-21-81	
MANIFEST NO. of Shipment:	14704	20985	14703	20984	
QUANTITY of Waste SHIPPED:	26 Drums 5600 lbs	200 lbs	72 Drums 33840 lbs	21 Drums 8009 lbs	
Name of WASTE TRANSPORTER:	BASF-W.Y.W.	BRYSAN IND SERVICES	BRYSAN ENV. SERVICES	BRYSAN IND. SERVICES	
EPA NUMBER of TRANSPORTER:	NC D0003149705	SCD0000822312	SCD0000822312	SCD0000822312	
Name of WASTE CONSIGNEE:	SCA SERVICES	SCA SERVICES	SCA SERVICES	SCA SERVICES	
EPA NUMBER of CONSIGNEE:	SC D070375945	SCD070375985	SCD070375945	SCD070375985	
REMARKS:					



BASF Wyandotte Corporation  
4330 Chesapeake Drive  
P.O. Box 668846  
Charlotte, North Carolina 28266



U.S. ENVIRONMENTAL PROTECTION AGENCY  
**NOTIFICATION OF HAZARDOUS WASTE ACTIVITY**

**INSTRUCTIONS:** If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

INSTALLATION'S EPA I.D. NO. <b>NCD 003149706</b>	
NAME OF INSTALLATION <b>I. BASF WYANDOTTE CORPORATION</b>	PLEASE PLACE LABEL IN THIS SPACE <b>4330 Chesapeake Drive Charlotte, NC 28208</b>
INSTALLATION MAILING ADDRESS <b>II. PO Box 668846 Charlotte, NC 28266</b>	
LOCATION OF INSTALLATION <b>III. 4330 Chesapeake Drive Charlotte, NC 28208</b>	

**FOR OFFICIAL USE ONLY**

COMMENTS																													

INSTALLATION'S EPA I.D. NUMBER															APPROVED					DATE RECEIVED (yr., mo., & day)									
F N C D 0 0 3 1 4 9 7 0 6																													

I. NAME OF INSTALLATION																													
B A S F W Y A N D O T T E C O R P O R A T I O N																													

II. INSTALLATION MAILING ADDRESS																													
STREET OR P.O. BOX																													
3 P O B O X 6 6 8 8 4 6																													
CITY OR TOWN																				ST.					ZIP CODE				
4 C H A R L O T T E																				N C					2 8 2 6 6				

III. LOCATION OF INSTALLATION																													
STREET OR ROUTE NUMBER																													
5 4 3 3 0 C H E S A P E A K E D R I V E																													
CITY OR TOWN																				ST.					ZIP CODE				
6 C H A R L O T T E																				N C					2 8 2 0 8				

IV. INSTALLATION CONTACT																													
NAME AND TITLE (last, first, & job title)																									PHONE NO. (area code & no.)				
2 K O N E V A L K E N M A N A G E R C O R P E N V																									2 0 1 - 2 6 3 - 5 4 9 5				

V. OWNERSHIP																													
A. NAME OF INSTALLATION'S LEGAL OWNER																													
8 B A S F W Y A N D O T T E C O R P O R A T I O N																													

B. TYPE OF OWNERSHIP (enter the appropriate letter into box)															VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))														
F = FEDERAL M = NON-FEDERAL															<input checked="" type="checkbox"/> A. GENERATION <input type="checkbox"/> B. TRANSPORTATION (complete item VII) <input type="checkbox"/> C. TREAT/STORE/DISPOSE <input type="checkbox"/> D. UNDERGROUND INJECTION														

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))																													
<input type="checkbox"/> A. AIR <input type="checkbox"/> B. RAIL <input type="checkbox"/> C. HIGHWAY <input type="checkbox"/> D. WATER <input type="checkbox"/> E. OTHER (specify):																													

VIII. FIRST OR SUBSEQUENT NOTIFICATION																													
Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.																													

<input type="checkbox"/> A. FIRST NOTIFICATION <input checked="" type="checkbox"/> B. SUBSEQUENT NOTIFICATION (complete item C)															C. INSTALLATION'S EPA I.D. NO. N C D 0 0 3 1 4 9 7 0 5														
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**IX. DESCRIPTION OF HAZARDOUS WASTES**

Please go to the reverse of this form and provide the requested information.

STATE OF NORTH CAROLINA  
DEPARTMENT OF HUMAN RESOURCES  
Division of Health Services  
ENVIRONMENTAL HEALTH SECTION  
Solid & Hazardous Waste Management Branch

PROCEDURE AND CRITERIA FOR WASTE DETERMINATION

This procedure will be used by the Division of Health Services to determine whether a waste is (1) hazardous as defined by 10 NCAC 10F, and (2) suitable for disposal at a solid waste management facility.

The types of wastes that will be evaluated by this procedure are primarily, but not exclusively, industrial and commercial wastes and sludges, and Publicly Owned Treatment Works sludges.

The Division of Health Services reserves the right to request additional information or waive some of the requirements based on the type of waste if it deems necessary. The Division may also require some wastes to be treated or altered to render the waste environmentally immobile prior to disposal at a sanitary landfill. Wastes disposed at sanitary landfills must be non-liquid and in a form that can be confined, compacted, and covered in accordance with the "Solid Waste Management Rules". APPROVAL TO DISPOSE OF THE WASTE SHALL ALSO BE OBTAINED FROM THE OWNER OR OPERATOR OF THE LANDFILL PRIOR TO DISPOSAL.

The following information is required for an evaluation. An asterisk (\*) denotes information required for Publicly Owned Treatment Works.

\* GENERAL INFORMATION

- NE0003749705
1. Who generates the waste? BASF WYANDOTE CORPORATION  
4330 Chesapeake Drive, Charlotte, NC
  2. What is the waste? SPILLAGE FROM TRANSPORTER ACCIDENT ABSORBED  
IN SAND
  3. What volume of disposal will there be? 4-5 cubic yards (approx)
  4. What frequency of disposal will there be? ONE TIME
  5. Describe the process which generates the waste. TRUCK CARRYING  
FINISHED PRODUCTS STOPPED FAST. SPILLING LOAD BROKE OPEN  
TUBES. 3 CF UNCRACKED PARAFFIN OIL AND 4 CF SULFONATED  
PHENOL/UREA-FORMALDEHYDE CONDENSATION POLYMER. THE  
CONTENTS WERE ABSORBED IN SAND AND SUCKED INTO A VACUUM  
TRUCK.

(more)

INFORMATION FOR HAZARDOUS (RCRA) DETERMINATION (10 NCAC 10F .0029)

1. Is the waste listed under .0029(e) (40 CFR 261.31 - 261.33)? If yes, list number. No
2. Does the waste exhibit any of the four characteristics as defined by .0029(d) (40 CFR 261.21 - 261.24)? (Attach Lab Results)  
(\* EP Toxicity for metals and pH). N/O

INFORMATION FOR LANDFILLING DETERMINATION

1. Does the waste contain any hazardous waste constituents listed in .0029(e), Appendix VIII (40 CFR 261, Appendix VIII)? If yes, what constituents and what concentration? (Attach Lab Results) \_\_\_\_\_
2. What other constituents are present and in what concentration? (Attach Lab Results) SAND FLY ASH ABSORBED LIQUID
- \* 3. What is the moisture content? \_\_\_\_\_
- \* 4. Which solid waste management facility is the request for?  
WICK ROAD LANDFILL
- \* 5. Specify how the waste will be delivered - in bulk or containers (i.e., barrels, bags, etc.)? DUMP TRUCK - BULK

"I hereby certify that the information submitted in regard to  
(name of waste) is true and correct to the best  
of my knowledge and belief."

\_\_\_\_\_  
(signed by requestee)

All questions concerning this "Procedure" should be directed to Gordon Layton or Jerry Rhodes at (919) 733-2178. Answer specific questions in space provided. Attach additional sheets if necessary.

Complete all information, sign and submit to:

Division of Health Services  
Solid & Hazardous Waste Management Branch  
P. O. Box 2091  
Raleigh, NC 27602

Attn: Waste Determination

DHS Form 3151 4/83  
Solid & Hazardous Waste Management Branch  
Review 6/84

# EMERGENCY PROCEDURES MANUAL

BASF Wyandotte Corporation	--	Charlotte Plant
Spill Prevention Control and Countermeasures Plan		
DATE ISSUED: 01-05-1982 BY: W.A. FORBES, JR. APPROVED:		
REVISED:	BY:	APPROVED:

## V. Description of Facilities:

### A. LOCATION OF THE CHARLOTTE PLANT:

The Charlotte Plant of BASF Wyandotte Corporation is located on a 15.26 acre site inside the city limits of Charlotte in Mecklenburg County. The plant site is in an industrial area on the north side of Charlotte, just north of Interstate 85 and east of N.C. #16. The property is bordered on the west by Chesapeake Drive, on the east by Pompono Road (unpaved), on the north by property of Uster Corporation, and on the south by a warehouse complex. The Company also owns a one acre undeveloped plot on the east side of Pompono Road and a 20.28 acre undeveloped plot on the west side of Chesapeake Drive, a portion of which fronts on Lawton Road.

### B. SITE PLAN AND BUILDINGS:

There are four major buildings on the site:

1. Office/Laboratory Building - southern side of site, adjacent to neighboring warehouse; surrounded on three sides by drive-ways and parking area. The west end of the building is devoted to office space, comprising about 40% of the total building area; the remaining 60% of building area on the east end is predominantly laboratory areas. A basement containing sample storage, Conference Room, Computer Room, and equipment areas is located beneath the laboratory (east) portion.
2. Warehouse/Manufacturing/Drumming Station/Dye Mix Building - immediately north of the Office/Laboratory Building and connected to it by a covered walkway. The Warehouse is located in the single-floor west end; Manufacturing (Auxiliaries) occupies the three-floor area in the east end. The Drumming Station area is a single-floor addition north of the Manufacturing (Auxiliaries); this addition also contains the Manufacturing (Dye Mix) areas, a two-floor liquid mixing/dye finishing area in the northeast area and a single-floor powder dye mixing area in the east end.

B. SITE PLAN AND BUILDINGS: (CONTINUED)

3. Raw Material Warehouse - a 10,000 square foot metal building located northeast of the Manufacturing Building, across a paved drive and rail siding.
4. Maintenance Shop - metal building located due east of the Manufacturing (Auxiliaries) area and adjacent to Pompono Road (unpaved).

There are also three small outbuildings or other structures at the site:

Paint Shed - small metal building between the Maintenance Shop and Pompono Road. Used to store paints, drum quantities of lubricants, and small quantities of solvents.

Metering Station - small metal building located between the Laboratory area and the Maintenance Shop. Used to house equipment used to meter process waste water from Holding Ponds to Charlotte-Mecklenburg Sewer System.

Waste Water Control Room - located southeast of the Maintenance Shop, at the south end of the dual Holding Ponds for process waste water. Used to house electrical switches for the various pumps used in transferring waste water.

C. RAW MATERIAL AND FINISHED PRODUCT BULK STORAGE:

1. Both finished products and organic and inorganic chemical raw materials are stored in a 9,000 square foot Tank Farm located adjacent to and east of the Powder Dye Mix area. All storage tanks are vertical and range in size from about 3,000 gallons to 27,000 gallons. All of the thirty storage tanks are single-compartment vessels; 22 tanks are of stainless steel construction, 6 are steel, and 1 is fiberglass. The entire Tank Farm is enclosed by a dike. Total storage volume of all tanks is approximately 315,000 gallons.
2. Two storage tanks, one steel and one fiberglass, located next to the Sulfo-chlorination Plant (in the corner of the Manufacturing/Powder Mix areas) have a total capacity of about 9,000 gallons.
3. Three Intermediate Tanks and one Distillation Receiver Tank with a total capacity of approximately 19,000 gallons are located outside the Manufacturing (Auxiliaries) area on the east side.

NOTE: Storage of powder and liquid raw materials and finished products in drums, bags, or other containers is in the Warehouse, various Manufacturing areas, the Raw Material Warehouse and its dock, areas outside Manufacturing, and at a leased Warehouse at 4201 Chesapeake Drive.

#### D. FUEL OIL STORAGE:

A 29,720 gallon horizontal, underground steel storage tank is used to store fuel oil (ordinarily #2) for the 350 and 800 HP steam boilers. The storage tank is located between the Office/Laboratory Building and the Warehouse, at the extreme west end near the employee's parking lot. Fuel oil is an alternate fuel for the boilers; natural gas is used almost exclusively, except in extreme cold weather when the gas supplier orders industrial users to shut down. When fuel oil is being used, the Maintenance Department checks the quantity in the storage tank daily, and 7,000 gallon tank truck shipments are requested only when level measurement indicates an available capacity of at least 10,000 gallons in the tank. Unloading of tank trucks is accomplished using gravity flow through three-inch hoses to a valved three-inch "quick-connect" coupling which leads to the storage tank. This unloading connection is located at the edge of the employee parking lot at the west end of the Warehouse. The connection is kept plugged and locked except during unloading.

#### E. PLANT SECURITY:

The Auxiliaries Manufacturing area operates three shifts, 24 hours per day, Monday through Friday. Most other departments work daylight hours only, approximately 8:00 AM until 5:00 PM, Monday through Friday. The Wackenhut Corporation provides security guards from about 5 PM on Fridays until about 8 AM on Monday mornings; security guards are also on duty on holidays. With the exception of the Office/Laboratory Building, all site areas are fenced; all gates and doors are locked after about 6:30 PM on weekdays and throughout weekends and holidays. Keys to gates are restricted to members of supervision and management, and sign-in sheets must be used to record activity in and out. Evening and night shift supervisors have limited responsibility for plant security checks and inspections.

#### F. SITE DRAINAGE AND WASTE WATER DISPOSITION:

The Charlotte site is located near the crest of a slight slope, the crest being to the northwest (Uster Corp.). The site has been graded so that rain water, except as noted below, is collected and discharged into a storm drain system which empties into Stewart Creek, near the southeast corner of the property. Rain water from the paved areas around the Tank Farm is collected in a separate drain system which terminates in a Storm Drain Collection Pit adjacent to the Waste Water Metering Station; water collected in this Pit is generally pumped over to the Waste Water Holding Ponds, although the Pit is equipped with a drain valve which enables draining to Stewart Creek. All process waste water from Laboratory, Warehouse, Manufacturing, and Tank Farm areas is collected in a Waste Water Collection Pit at the northeast end of the Laboratory Building; waste water is then pumped from this Pit into the Holding Ponds. Waste water is pumped from the Holding Ponds to the Metering



FORM <div style="font-size: 2em; font-weight: bold; margin: 5px 0;">1</div> GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY <div style="font-size: 1.5em; font-weight: bold; margin: 5px 0;">GENERAL INFORMATION</div> <i>Consolidated Permits Program</i> <i>(Read the "General Instructions" before starting.)</i>	<div style="font-size: 1.5em; font-weight: bold; margin: 5px 0;">I. EPA I.D. NUMBER</div> <div style="font-size: 1.2em; margin: 5px 0;">           F N C D 0 0 3 1 4 9 7 0 5         </div>
--	--	---	---

LABEL ITEMS		GENERAL INSTRUCTIONS
I. EPA I.D. NUMBER		<p>If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.</p>
III. FACILITY NAME	NCD0003149705	
V. FACILITY MAILING ADDRESS	BASF WYANDOTTE CORPORATION <del>25 BOW ST.</del> CHARLOTTE, NC 28208	
VI. FACILITY LOCATION	4330 CHESAPEAKE DRIVE CHARLOTTE, NC 28208	

## IL POLLUTANT CHARACTERISTICS

**INSTRUCTIONS:** Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		X		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X		X	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

### III. NAME OF FACILITY

1	SKIP	B A S F W Y A N D O T T E C O R P
18	18 - 20	20

#### IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)		B. PHONE (area code & no.)		
2	DIRECTOR, CORP. ENV. PROTECTION	201	263	3400
13	18	48	88 - 88	88 - 88

**V. FACILITY MAILING ADDRESS**

A. STREET OR P.O. BOX											
3 P.O. BOX 668846											
B. CITY OR TOWN											
4 Charlotte											
C. STATE				D. ZIP CODE							
NC				28266							

## VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER											
C											
5	4330 Chesapeake Dr.										
18	48										
B. COUNTY NAME											
Mecklenburg											
54											
C. CITY OR TOWN											
E											
6	Charlotte										
13	52										
D. STATE				E. ZIP CODE				F. COUNTY CODE (if known)			
NC				28208							
41 42				47 51				33 34			

VII. SIC CODES (4-digit, in order of priority)

A. FIRST										B. SECOND									
(specify)										(specify)									
7 2 8 4 3 Surfactant and finishing agent										7 (specify)									
C. THIRD										D. FOURTH									
(specify)										(specify)									
7 (specify)										7 (specify)									

VIII. OPERATOR INFORMATION

A. NAME										B. Is the name listed in Item VIII-A also the owner?									
BASF Wyandotte Corp										<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO									

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)										D. PHONE (area code & no.)									
F = FEDERAL M = PUBLIC (other than federal or state) S = STATE O = OTHER (specify) P (specify)										A 2 0 1 2 6 3 3 4 0 0									

E. STREET OR P.O. BOX									
P O Box 181									

F. CITY OR TOWN										G. STATE		H. ZIP CODE		IX. INDIAN LAND	
Parsippany										NJ		07054		Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

X. EXISTING ENVIRONMENTAL PERMITS									
A. NPDES (Discharges to Surface Water)					D. PSD (Air Emissions from Proposed Sources)				
9 N					9 P				
B. UIC (Underground Injection of Fluids)					E. OTHER (specify)				
9 U					(specify)				
C. RCRA (Hazardous Wastes)					E. OTHER (specify)				
9 R					(specify)				

**XI. MAP**  
 Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

**XII. NATURE OF BUSINESS (provide a brief description)**

Manufacture of textile finishing agents

All official correspondence regarding this permit should be directed to the office of the Director, Corporate Environmental Protection, BASF Wyandotte Corporation, P.O. Box 181, Parsippany, N.J. 07054

**XIII. CERTIFICATION (see instructions)**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)										B. SIGNATURE										C. DATE SIGNED									
R.E. Dunn, Secretary																				4/1/80									

COMMENTS FOR OFFICIAL USE ONLY									
C									

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

☒ 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)

71

YR. MO. DAY

6 1 11

2. NEW FACILITY (Complete item below.)

71

YR. MO. DAY

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

B. REVISED APPLICATION (place an "X" below and complete Item I above)

☐ 1. FACILITY HAS INTERIM STATUS

72

☐ 2. FACILITY HAS A RCRA PERMIT

72

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:			Treatment:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS			GALLONS PER HOUR OR LITERS PER HOUR
Disposal:			OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY
INJECTION WELL	D79	GALLONS OR LITERS			
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER			
LAND APPLICATION	D81	ACRES OR HECTARES			
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			

UNIT OF MEASURE

UNIT OF MEASURE CODE

GALLONS.....G

LITERS.....L

CUBIC YARDS.....Y

CUBIC METERS.....C

GALLONS PER DAY.....U

UNIT OF MEASURE

UNIT OF MEASURE CODE

LITERS PER DAY.....V

TONS PER HOUR.....D

METRIC TONS PER HOUR.....W

GALLONS PER HOUR.....E

LITERS PER HOUR.....H

UNIT OF MEASURE

UNIT OF MEASURE CODE

ACRE-FEET.....A

HECTARE-METER.....F

ACRES.....B

HECTARES.....Q

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

DUP										T/A	C										
											I										
LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY					FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY					FOR OFFICIAL USE ONLY						
		1. AMOUNT (specify)								1. AMOUNT											
X-1	S 0 2	600						5													
X-2	T 0 3	20						6													
1	S 0 1	11,000						7													
2	S 0 2	9,600						8													
3								9													
4								10													

**V. DESCRIPTION OF HAZARDOUS WASTES**

**EPA HAZARDOUS WASTE NUMBER** — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

**ESTIMATED ANNUAL QUANTITY** — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

**UNIT OF MEASURE** — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS.....	P	KILOGRAMS.....	K
TONS.....	T	METRIC TONS.....	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

**1. PROCESSES**

**1. PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

**2. PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form.

**NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER** — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

**SAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below)** — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 10 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES							
				1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))			
X-1	K 0 5 4	900	P	T	0	3	D	8	0		
X-2	D 0 0 2	400	P	T	0	3	D	8	0		
X-3	D 0 0 1	100	P	T	0	3	D	8	0		
X-4	D 0 0 2									included with above	

EPA D. NUMBER (enter from page 1)															FOR OFFICIAL USE ONLY									
<div style="display: flex; justify-content: space-between;"> <div style="border-bottom: 1px solid black; width: 100%;"> W N C D 0 0 3 1 4 9 7 0 5 </div> <div style="border-bottom: 1px solid black; width: 100%;"> T/A C - 1 </div> </div>															<div style="display: flex; justify-content: space-between;"> <div style="border-bottom: 1px solid black; width: 100%;"> W  <div style="border-bottom: 1px solid black; width: 100%;">DUP</div> </div> <div style="border-bottom: 1px solid black; width: 100%;"> T/A C 2  <div style="border-bottom: 1px solid black; width: 100%;">DUP</div> </div> </div>									
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15															1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26									

## IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES															
				1. PROCESS CODES (enter)								2. PROCESS DESCRIPTION (if a code is not entered in D(1))							
				27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
1	D 0 0 2	550	T	S	0	2													
2	U 0 0 8	2	T	S	0	1													
3	U 1 2 3	2	T	S	0	1													
4	U 1 5 4	200	T	S	0	1													
5	U 2 1 0	25	T	S	0	1													
6	D 0 0 0	15	T	S	0	1													
7	U 1 8 8	2	T	S	0	1													
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26																			

## IV: DESCRIPTION OF HAZARDOUS WASTES (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

[illegible]

## V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

## VI. PHOTOGRAPHS

All existing facilities must include photographs (*aerial or ground-level*) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (*see instructions for more detail*).

## VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)										LONGITUDE (degrees, minutes, & seconds)									
65	66	67	68	69	70					72	-	74	75	76	77	-	79		

## VIII. FACILITY OWNER

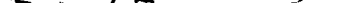
- 2A.** If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

**B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:**

1. NAME OF FACILITY'S LEGAL OWNER															2. PHONE NO. (area code & no.)										
<div> <div>E</div> <div>E</div> </div>															<div> <div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div> </div>										
13 14 -															18 19 - 20 21 - 22 23 - 24 25 - 26										
3. STREET OR P.O. BOX										4. CITY OR TOWN										5. ST.		6. ZIP CODE			
<div> <div>E</div> <div>F</div> </div>										<div> <div>E</div> <div>G</div> </div>										<div> <div></div><div></div> </div>		<div> <div></div><div></div><div></div><div></div><div></div><div></div> </div>			
13 14 - 45 15 16 -										49 19 16 -										49 41 42		47 - 51			



## IX. OWNER CERTIFICATION

*I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.*

<b>A. NAME (print or type)</b>  R.E. Dunn, Secretary	<b>B. SIGNATURE</b> 	<b>C. DATE SIGNED</b> 1/17/51
--	---	----------------------------------

## **X. OPERATOR CERTIFICATION**

*I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.*

<b>A. NAME (print or type)</b>  R.E. Dunn, Secretary	<b>B. SIGNATURE</b> 	<b>C. DATE SIGNED</b> 
--	--	--